



CDF Operations Report

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All Experimenters' Meeting



Last 2 Week's Stores

Date	Store	Duration (hours)	Initial L (10^{30})	Delivered (nb $^{-1}$)	Live (nb $^{-1}$)	ϵ
Th 5/22	2581	6.4	6.5	98	50 (0)	51.2%
Fr 5/23	2600	11.4	20.8	579	463 (437)	80.0%
Sa 5/24	2604	17.1	35.7	1214	945 (730)	77.9%
Su 5/25	2606	15.6	32.2	1061	671 (640)	63.2%
Mo 5/26	2614	18.4	30.9	1127	855 (840)	75.9%
Mo 6/2	2614	ongoing	22.3			~80%
Total				4.08 pb $^{-1}$	2.98 (2.64)	73 (65)%



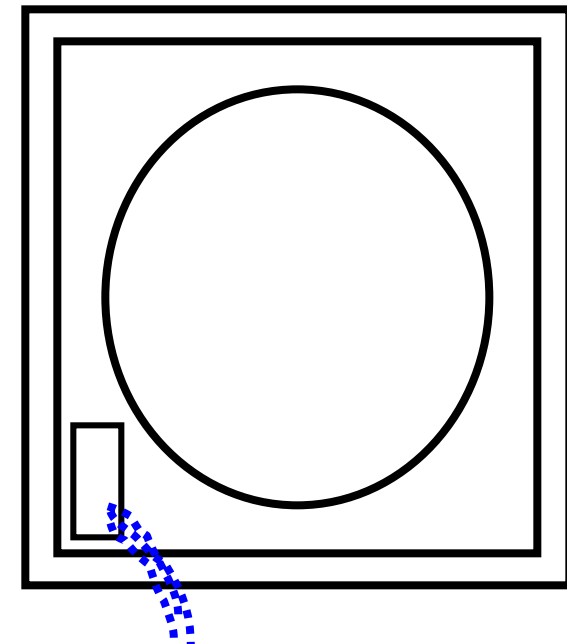
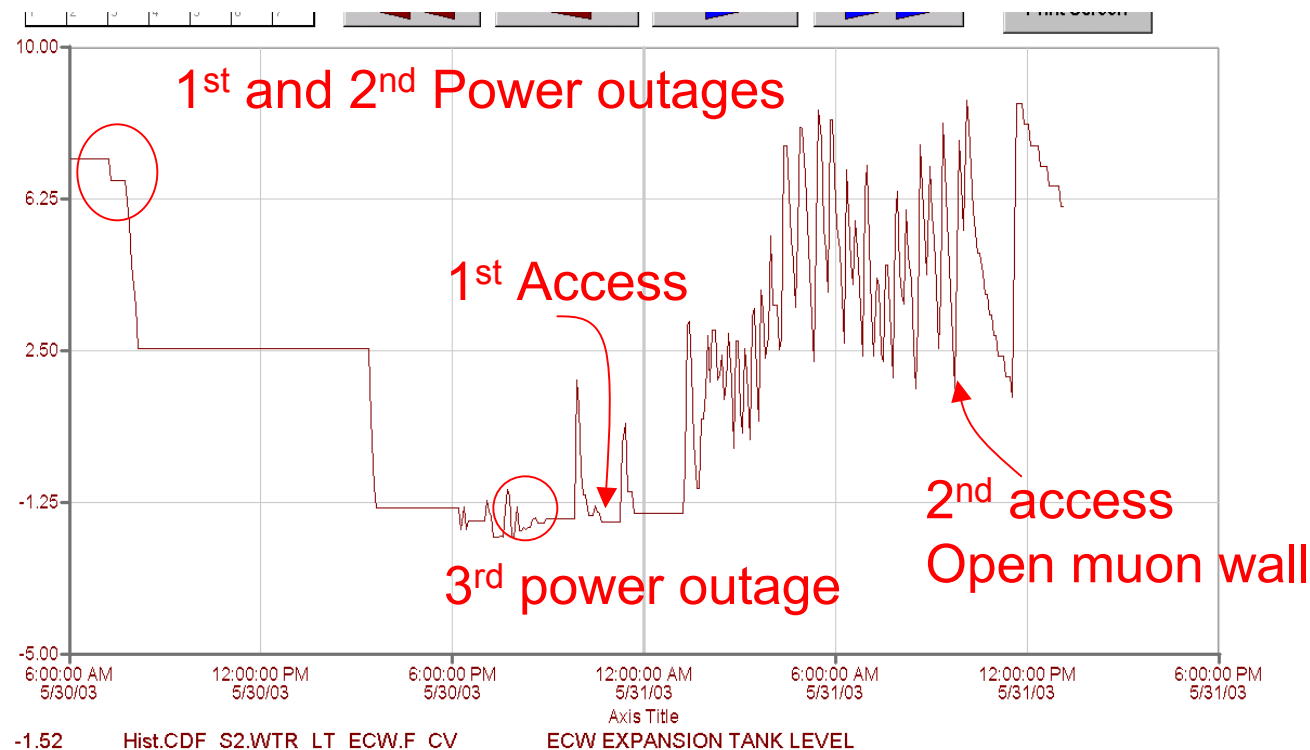
Power outage Week

- Tuesday 7am: Power outage
 - Detector recovered smoothly
- Access: Tuesday 9am ~ Thursday 3pm
 - Two main goals: Both are successful
 - COT SL8 HV
 - Luminosity counter west side PMT replacement
 - Lots of small works (> 50 keys)
 - Detector checkout after the access was ok
- 3 Power outages on Friday
 - The 2nd power outage happened while recovering from the 1st one
 - We couldn't checkout detector after the 2nd power outage for long time
 - 3rd power outage schedule: 12am → 3pm → 7pm → 9pm
 - We needed to keep the detector system Off for more than 12 hours
 - Most of the experts were gone home when the power outage finally happened



ECW Problem

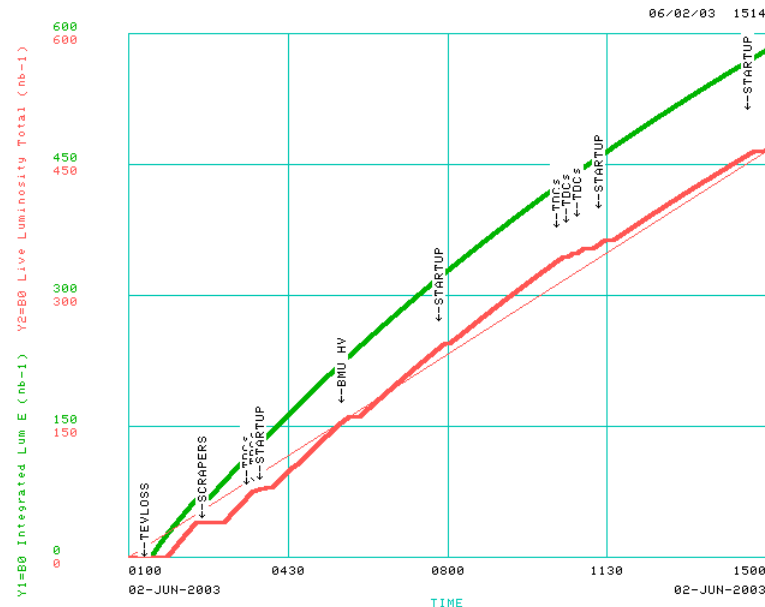
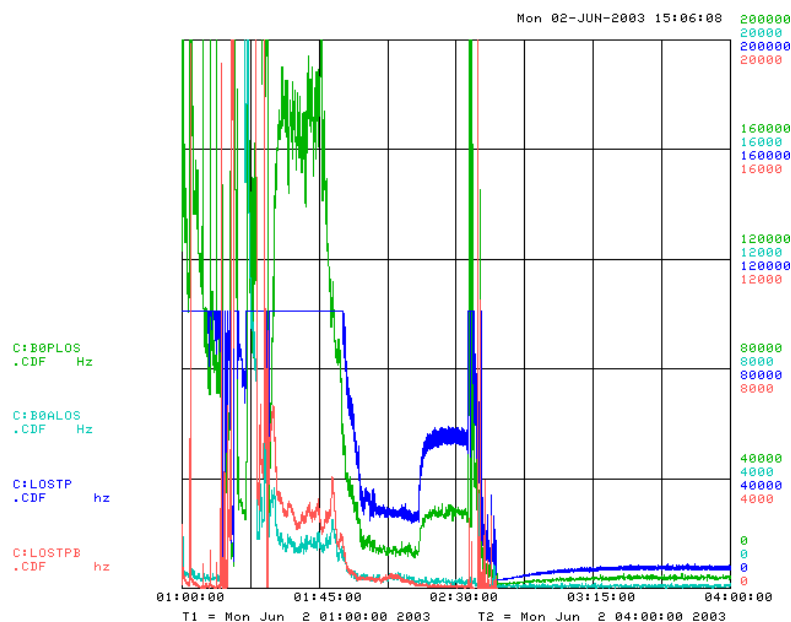
- Bulbs of the ECW were funny state after the power outages
 - One rack inside of the muon wall, drain bulbs were kept opened
- ~1000 Gallons of water in the collision hall
 - Possible damage to the bottom muon chambers: Now working ok





Ongoing Store

- Beginning of the store, huge losses (x10 higher than normal)
 - After retune/rescraping, losses are fine
- We were able to take data with all the detectors
 - Muon chamber holds HV ok
 - Several minor problems, mostly fixed now





Summary/Plan

- A long week for CDF operations as well
- No more power outage, please.
- CDF is already recovered for physics quality data taking.